



TITLE: SYSTEM AND METHOD FOR PROVIDING QUALITY OF SERVICE OPERATIONS USING IP ADDRESSES

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REPLACEMENT SHEET

1/5

IPv6 128 BIT ADDRESSING
A. B. C. D. E. F. Y. Z
↓
4 BITS OF 16-BIT (D)
PORTION OF IPv6 ADDRESS
↓
16 DIFFERENT COMBINATIONS

UNUSED	0000	} DEFINED "ZONES" OR QUALITY OF SERVICE CLASSES
INTERNET TELEPHONY	0001	
VIDEO CONFERENCING	0010	
	0011	
	⋮	
	⋮	
ENTERTAINMENT ZONE	1110	
UNUSED	1111	

FIG. 1

— "D" —
A.B.C. 1110 0000 0000 0000. E.F.Y.Z

FIG. 2

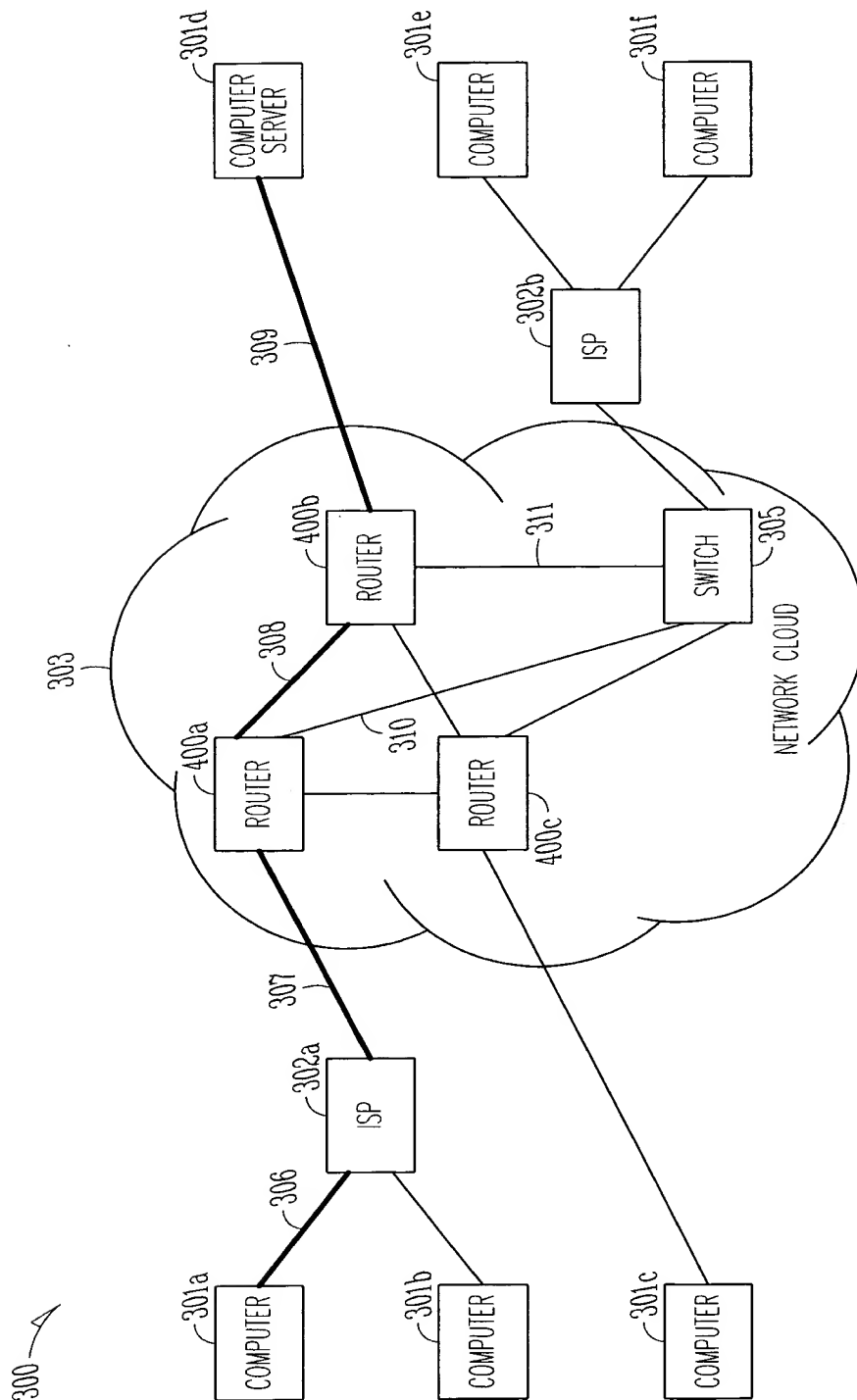


FIG. 3

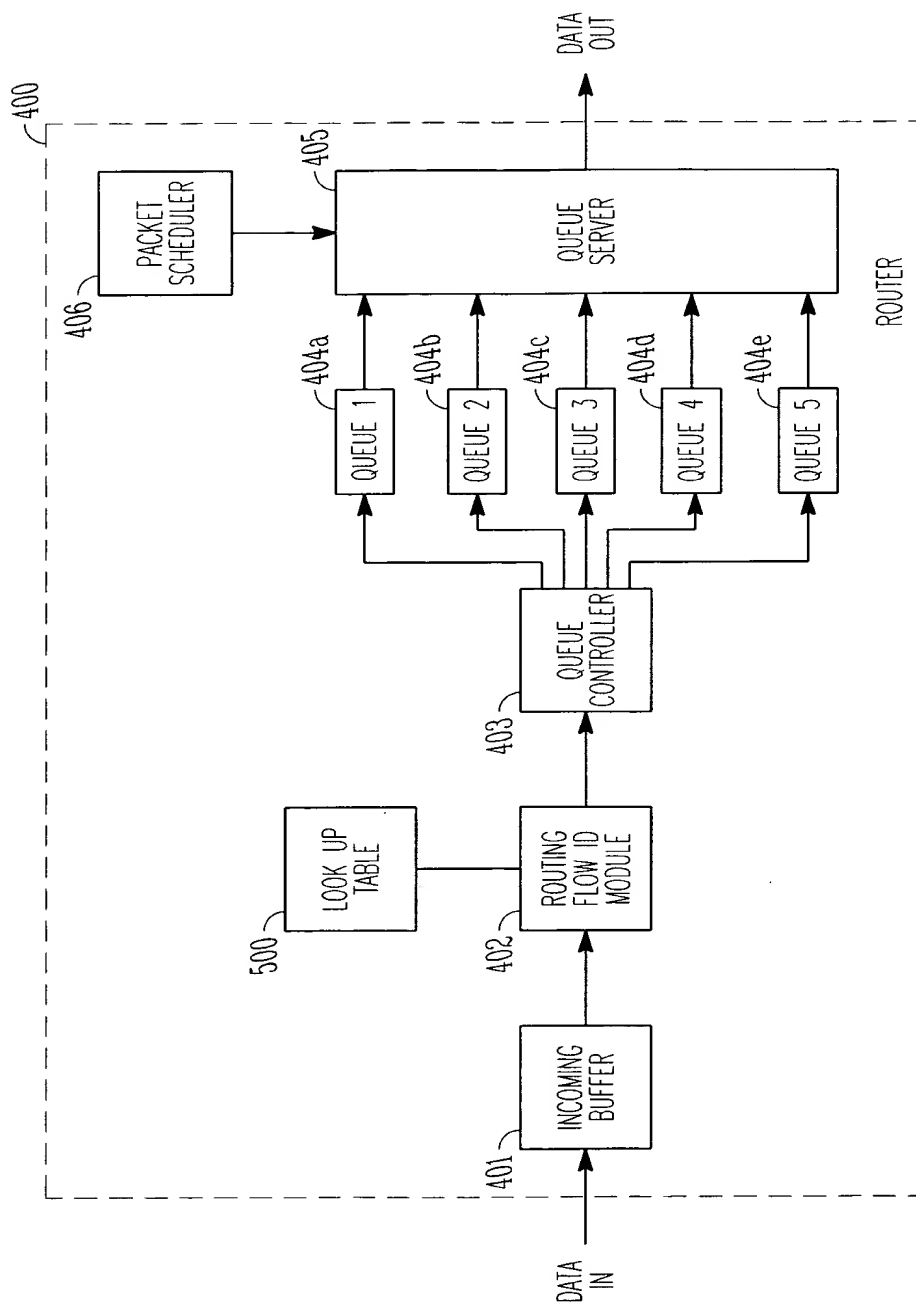


FIG. 4

4/5

QoS LOOKUP TABLE

0001	QoS LEVEL 1	(INTERNET TELEPHONY)
0010	QoS LEVEL 2	(VIDEO CONFERENCING)
0011	QoS LEVEL 3	
0100	QoS LEVEL 4	
0101	QoS LEVEL 5	
0110	QoS LEVEL 6	
0111	QoS LEVEL 7	
1000	QoS LEVEL 8	500
1001	QoS LEVEL 9	
1010	QoS LEVEL 10	
1011	QoS LEVEL 11	
1100	QoS LEVEL 12	
1101	QoS LEVEL 13	
1110	QoS LEVEL 14	(LOWEST LEVEL)

FIG. 5

5/5

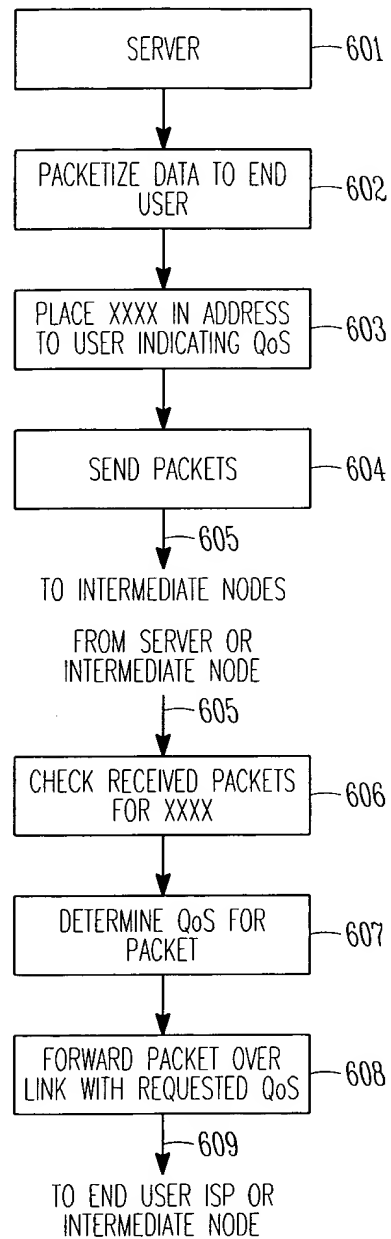


FIG. 6